

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV. 2-83)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY SERIAL NO. FILING DATE GROUP APPLICANT  
DOCKET NO.

D-2131                      09/22/2003                      Minoru Hiragaki

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
		2002-146921	05/22/02	Japan			X
		11-93259	04/06/99	Japan			X
		4-285232	10/09/92	Japan			X
		3-228938	10/09/91	Japan			X
		5-51999	03/02/93	Japan			X
		49-118512	10/09/74	Japan			X
		3-176526	07/31/91	Japan			X
		51-40111	03/25/76	Japan			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--	--

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	